Physical Science

Activity 3  
Accidents

Goals…

* Evaluate your own understandings of safety
* Evaluate the safety features on selected vehicles
* Compare and contrast the safety features on selected vehicles
* Identify safety features on selected vehicles
* Identify safety features required for other modes of transportation (in-line skates, skateboards, cycling, etc.)

Take some time right now to write down ideas that may have come from this activity for your chapter challenge project!

Click here to enter text.

Activity 4  
Life (& Death) before Seat Belts

Goals…

* Understand Newton’s First Law of Motion
* Understand the role of safety belts
* Identify the **3** collisions in every accident

For You To Read Key Points To Learn

* **INTERIA –** The natural tendency of an object to remain at Click here to enter text. or to remain Click here to enter text. with a constant speed in a straight line.
* **NEWTON’S 1ST LAW OF MOTION** –an object at rest remains at rest, and an object already in motion stays in motion unless acted upon by an Click here to enter text. force.

3 parts of a collision (p. 101)

* FIRST COLLISION: Car rapidly Click here to enter text. after Click here to enter text. an object
* SECOND COLLISION: Click here to enter text. in car are stopped by Click here to enter text. the interior parts of the car
* THIRD COLLISION: The Click here to enter text. are stopped by colliding with the Click here to enter text. of the body (skull, thoracic cavity, & abdominal wall)

In your experiment…..

* The clay passenger continued moving until Click here to enter text. by an Click here to enter text.
* The passenger at a Click here to enter text. speed experienced Click here to enter text. damage
* Can you brace yourself in a collision??

Click here to enter text.